

Listing of Claims:

1. (Currently Amended) A camera system comprising:
a camera body; and
an accessory device to be releasably mounted on the camera
body;

5 wherein the camera body ~~having~~ comprises a camera side
identification data table, a specifying section which specifies
an appropriate data address to the accessory device, and a
judging section;

10 wherein the accessory device ~~having~~ comprises an accessory
device side identification data table congruous with at least one
part of the camera side identification data table, and ~~an~~ a
transmitting section which transmits the identification data
stored in the accessory device side identification data table at
the data address specified by the specifying section to the
15 camera body; and

wherein the judging section ~~being~~ is adapted to determine if
a dedicated accessory is mounted ~~or not~~ by comparing the
identification data transmitted back from the accessory device
and the identification data stored in the camera side
20 identification data table at the address corresponding to the
data address.

2. (Currently Amended) The camera system according to claim 1, wherein each of the camera body and the accessory device ~~has~~ comprises a plurality of identification data tables, and wherein the camera body specifies one of the plurality of identification data tables and an appropriate address of the specified table to the accessory device.

3. (Currently Amended) The camera system according to claim 1, wherein the accessory device ~~is~~ comprises an interchangeable lens that is releasably mounted on the camera body.

4. (Currently Amended) The camera system according to claim 1, wherein the accessory device ~~is~~ comprises a flash unit that is releasably mounted on the camera body.

5. (Currently Amended) The camera system according to claim 1, wherein the accessory device ~~is~~ comprises a battery pack that is releasably mounted on the camera body.

6. (Currently Amended) An accessory device to be releasably mounted on a camera body having a functional feature of determining if an accessory device dedicated to the camera

body is mounted thereon ~~on it or not~~, the accessory device

5 comprising:

an identification data table held congruous with at least one part of a ~~the~~ camera side identification data table provided in the camera body; and

10 a transmitting section which selects an identification data in the identification data table and transmits ~~it~~ the selected identification data to the camera body in response to a specification by the camera body.

7. (Currently Amended) The accessory device according to claim 6, wherein the accessory device ~~is~~ comprises an interchangeable lens that is releasably mounted on the camera body.

8. (Currently Amended) The accessory device according to claim 6, wherein the accessory device ~~is~~ comprises a strobe unit that is releasably mounted on the camera body.

9. (Currently Amended) The accessory device according to claim 6, wherein the accessory device ~~is~~ comprises a battery pack that is releasably mounted on the camera body.

10. (Currently Amended) A camera body having a functional feature of determining if an accessory device designed to be dedicated to ~~it~~ the camera body is mounted thereon ~~on it or not~~, the camera body comprising:

5 an identification data table ~~congruous with the~~ including an accessory side identification data table held by the accessory device;

a specifying section which specifies an appropriate data address to the accessory device; and

10 a judging section which determines if the dedicated accessory device is mounted thereon ~~on it or not~~ by comparing the (i) identification data corresponding to the specified data address of the accessory side identification data table and transmitted back from the accessory device according to ~~the~~ a
15 specification by the specifying section, and (ii) ~~the~~ identification data stored in the camera side identification data table at ~~the~~ an address corresponding to the specified data address.

11. (Currently Amended) The camera body according to claim 10, wherein the accessory device ~~is~~ comprises an interchangeable lens that is releasably mounted on the camera body.

12. (Currently Amended) The camera body according to claim 10, wherein the accessory device ~~is~~ comprises a strobe unit that is releasably mounted on the camera body.

13. (Currently Amended) The camera body according to claim 10, wherein the accessory device ~~is~~ comprises a battery pack that is releasably mounted on the camera body.

14. (Currently Amended) A camera system comprising:
a camera body; and
an accessory device to be releasably mounted on the camera body;

5 wherein the camera body ~~having~~ comprises a camera side memory section storing identification data congruous with ~~the~~ identification data stored in the accessory device, a detecting section which detects a predetermined operation by ~~the~~ a user, a comparing section, and a judging section;

10 wherein the accessory device ~~having~~ comprises an accessory device side memory section storing identification data congruous with the identification data stored in the camera body;

15 wherein the comparing section ~~being~~ is arranged in the camera body to receive ~~an~~ identification data from the accessory device when the predetermined operation is detected by the

detecting section, and to compare the identification data with
~~the~~ corresponding camera side identification data;

wherein the judging section ~~being~~ is adapted to judge if the
dedicated accessory device is mounted on the camera body

20 according to ~~the~~ a result of ~~the~~ comparison by the comparing
section; and

wherein a restricting section inhibits/restricts operation
of the camera thereafter if the judging section judges that the
dedicated accessory device is not mounted on the camera body.

15. (Currently Amended) The camera system according to
claim 14, further comprising:

a specifying section arranged in the camera body to specify
an appropriate data address to the accessory device when ~~a~~ the
5 predetermined operation is detected by the detecting section; and

a transmitting section arranged in the accessory device to
transmit ~~an~~ the identification data stored in the accessory
device side identification data table to the camera body
according to the specified data address ~~to the camera body~~.

16. (Currently Amended) The camera system according to
claim 15, wherein each of the camera side memory section and the
accessory device side memory section ~~has~~ comprises a plurality of
data tables formed by a plurality of identification data, and

- 5 wherein the camera body specifies one of the plurality of data tables and an appropriate address of the specified table to the accessory device.

17. (Currently Amended) The camera system according to claim 14, wherein the accessory device ~~is~~ comprises an interchangeable lens that is releasably mounted on the camera body.

18. (Currently Amended) The camera system according to claim 14, wherein the accessory device ~~is~~ comprises a strobe unit that is releasably mounted on the camera body.

19. (Currently Amended 1) The camera system according to claim 14, wherein the accessory device ~~is~~ comprises a battery pack that is releasably mounted on the camera body.

Claims 20-48 (Canceled).

49. (Currently Amended) A camera system comprising a camera body and an accessory to be releasably mounted on the camera body, the system comprising:

a camera side arithmetic section arranged in the camera body
5 to store an arithmetic expression to be used for performing a
predetermined arithmetic operation;

an accessory side arithmetic section arranged in the
accessory to store an arithmetic expression congruous with the
arithmetic expression of the camera side arithmetic section;

10 an arithmetic operation data outputting section arranged in
the camera body to output arithmetic operation data common to the
camera side arithmetic section and the accessory side arithmetic
section; and

15 a judging section arranged in the camera body to compare ~~the~~
an outcome of the arithmetic operation performed by the camera
side arithmetic section and ~~that~~ an outcome of the arithmetic
operation performed by the accessory side arithmetic section and
to judge that ~~the~~ a right accessory is mounted on the camera body
when the outcomes agree with each other.

50. (Currently Amended) The camera system according to
claim 49, wherein the arithmetic operation data outputting
section outputs a plurality of numerical values, and both the
camera side arithmetic section and the accessory side arithmetic
5 section perform ~~an~~ the arithmetic ~~operation~~ operations using ~~the~~
a same numerical value selected from the plurality of numerical
values.

51. (Currently Amended) The camera system according to claim 49, wherein the arithmetic operation data include data to be used for ~~an~~ the arithmetic operation operations and dummy data.

52. (Currently Amended) The camera system according to claim 49, wherein the arithmetic operation data include a plurality of numerical value data including data for specifying ~~the data to be used for an~~ the arithmetic operation operations,
5 data to be used in the arithmetic ~~operation~~ operations, and dummy data.

53. (Currently Amended) The camera system according to claim 49, wherein the arithmetic operation data include a plurality of numerical value data, and

5 wherein the camera side arithmetic section and the accessory side arithmetic section have a plurality of arithmetic expressions in common, ~~that are common to them~~ and are adapted to select one of the plurality of arithmetic expressions by using a specific data selected from the plurality of numerical value data output from the arithmetic operation data outputting section.

54. (Currently Amended) The camera system according to claim 53, wherein the plurality of numerical value data include data for specifying an arithmetic expression, data for specifying the data to be used for ~~an~~ the arithmetic ~~operation~~ operations,
5 data to be used in the arithmetic ~~operation~~ operations, and dummy data.

55. (Currently Amended) The camera system according to claim 49, wherein the arithmetic operation data outputting section includes a random number generating section and outputs the arithmetic operation data ~~on the basis of the~~ based on a
5 random number generated ~~from~~ by the random number generating section.

56. (Currently Amended) A camera to which an accessory to be releasably mounted, the camera comprising:

a camera side arithmetic section that stores an arithmetic expression congruous with an arithmetic expression stored in an
5 accessory side arithmetic section possessed by the accessory;

an arithmetic operation data outputting section that outputs arithmetic operation data to the accessory side arithmetic section and the camera side arithmetic section; and

a judging section that receives an outcome of ~~the~~ an
10 arithmetic operation of the camera side arithmetic section and an

outcome of ~~the~~ an arithmetic operation of the accessory side arithmetic section and judges if the accessory is ~~the~~ a right accessory ~~or not~~ by comparing the outcomes.

57. (Currently Amended) The camera according to claim 56, wherein the camera becomes inoperative when the judging section judges that the accessory is not ~~a~~ the right ~~one~~ accessory.

58. (Currently Amended) A judgment control method to be used by an accessory that is to be releasably mounted on a camera body, the method comprising:

receiving at ~~the~~ an accessory side a plurality of numerical
5 value data from the camera body;

selecting data to be used for an arithmetic operation for judgment control of the accessory out of the plurality of numerical value data;

performing the arithmetic operation for judgment control of
10 the accessory $[[,]]$ using the selected data; and

transmitting an outcome of the arithmetic operation for judgment control to the camera body.

59. (Currently Amended) A judgment control method to be used by an accessory that is to be releasably mounted on a camera body, the method comprising:

receiving at ~~the~~ an accessory side a plurality of numerical
5 value data from the camera body;

selecting data to be used for an arithmetic operation for
judgment control of the accessory out of the plurality of
numerical value data according to a specific one of the plurality
of numerical value data;

10 performing the arithmetic operation for judgment control of
the accessory [[,]] using the selected data; and

transmitting an outcome of the arithmetic operation for
judgment control to the camera body.

60. (Currently Amended) A judgment control method to be
used by an accessory that is to be releasably mounted on a camera
body, the method comprising:

receiving at ~~the~~ an accessory side a plurality of data from
5 the camera body;

determining an arithmetic expression to be used for an
arithmetic operation for judgment control of the accessory
according to ~~a~~ first data of the plurality of data;

selecting ~~a~~ third data from the plurality of data according
10 to ~~a~~ second data of the plurality of data;

performing the arithmetic operation for judgment control of
the accessory [[,]] using the selected arithmetic expression and
the selected third data; and

transmitting an outcome of the arithmetic operation for
15 judgment control to the camera body.

61. (Currently Amended) A camera system comprising a
camera body and an interchangeable lens to be releasably mounted
on the camera body, the system comprising:

a camera side arithmetic section arranged in the camera body
5 to store an arithmetic expression to be used for performing a
predetermined arithmetic operation;

a lens side arithmetic section arranged in the
interchangeable lens to store an arithmetic expression congruous
with the arithmetic expression of the camera side arithmetic
10 section;

an arithmetic operation data outputting section arranged in
the camera body to output arithmetic operation data common to the
camera side arithmetic section and the lens side arithmetic
section; and

15 a judging section arranged in the camera body to compare an
outcome of the arithmetic operation performed by the camera side
arithmetic section and ~~that~~ an outcome of the arithmetic
operation performed by the lens side arithmetic section and to
judge that ~~the~~ a right interchangeable lens is mounted on the
20 camera body when the outcomes agree with each other.

62. (Currently Amended) The camera system according to claim 61, wherein the arithmetic operation data outputting section outputs a plurality of numerical values and both the camera side arithmetic section and the lens side arithmetic section perform ~~an~~ the arithmetic operation operations using ~~the~~ a same numerical value selected from the plurality of numerical values.

63. (Currently Amended) The camera system according to claim 61, wherein the arithmetic operation data include data to be used for ~~an~~ the arithmetic operation operations and dummy data.

64. (Currently Amended) The camera system according to claim 61, wherein the arithmetic operation data include a plurality of numerical value data including data for specifying the data to be used for ~~an~~ the arithmetic operation operations, data to be used in the arithmetic ~~operation~~ operations, and dummy data.

65. (Currently Amended) The camera system according to claim 61, wherein the arithmetic operation data include a plurality of numerical value data, and

5 wherein the camera side arithmetic section and the lens side arithmetic section have a plurality of arithmetic expressions in common ~~that are common to them~~ and are adapted to select one of the plurality of arithmetic expressions by using a specific data selected from the plurality of numerical value data output from the arithmetic operation data outputting section.

66. (Currently Amended) The camera system according to claim 65, wherein the plurality of numerical value data include data for specifying an arithmetic expression, data for specifying the data to be used for ~~an~~ the arithmetic operation operations,
5 data to be used in the arithmetic ~~operation~~ operations, and dummy data.

67. (Currently Amended) The camera system according to claim 61, wherein the arithmetic operation data outputting section includes a random number generating section and outputs the arithmetic operation data ~~on the basis of the~~ based on a
5 random number generated ~~from~~ by the random number generating section.

68. (Currently Amended) A camera to which an interchangeable lens is to be releasably mounted, the camera comprising:

a camera side arithmetic section that stores an arithmetic
5 expression congruous with an arithmetic expression stored in an
lens side arithmetic section in the interchangeable lens;

an arithmetic operation data outputting section that outputs
arithmetic operation data to the lens side arithmetic section and
the camera side arithmetic section;

10 a judging section that receives an outcome of ~~the~~ an
arithmetic ~~operations~~ operation of the camera side arithmetic
section and ~~that~~ an outcome of ~~the~~ an arithmetic operation of the
lens side arithmetic section and judges if the interchangeable
lens is ~~the~~ a right interchangeable lens ~~or not~~ by comparing the
15 outcomes.

69. (Currently Amended) The camera according to claim 68,
wherein the camera becomes inoperative when the judging section
judges that the interchangeable lens is not ~~a~~ the right ~~one~~
interchangeable lens.

70. (Currently Amended) A judgment control method to be
used by an interchangeable lens that is to be releasably mounted
on a camera body, the method comprising:

receiving at ~~the~~ an interchangeable lens side a plurality of
5 numerical value data from the camera body;

selecting data to be used for an arithmetic operation for judgment control of the interchangeable lens out of the plurality of numerical value data;

performing the arithmetic operation for judgment control of the interchangeable lens [[,]] using the selected data; and

transmitting an outcome of the arithmetic operation for judgment control to the camera body.

71. (Currently Amended) A judgment control method to be used by an interchangeable lens that is to be releasably mounted on a camera body, the method comprising:

receiving at ~~the~~ an interchangeable lens side a plurality of numerical value data from the camera body;

selecting data to be used for an arithmetic operation for judgment control of the interchangeable lens out of the plurality of numerical value data according to a specific one of the plurality of numerical value data;

performing the arithmetic operation for judgment control of the interchangeable lens [[,]] using the selected data; and

transmitting an outcome of the arithmetic operation for judgment control to the camera body.

72. (Currently Amended) A judgment control method to be used by an interchangeable lens that is to be releasably mounted on a camera body, the method comprising:

receiving at ~~the~~ an interchangeable lens side a plurality of
5 data from the camera body;

determining an arithmetic expression to be used for an arithmetic operation for judgment control of the interchangeable lens according to a first data of the plurality of data;

selecting a third data from the plurality of data according
10 to a second data of the plurality of data;

performing the arithmetic operation for judgment control of the interchangeable lens $[[,]]$ using the selected arithmetic expression and the selected third data; and

transmitting an outcome of the arithmetic operation for
15 judgment control to the camera body.